

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
15436.253.72.2

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

OPERATIONAL AMPLIFIER FOR OPTICAL TRANSCEIVER

and invented by:

Phillip D. Shapiro
Daniel K. Case
The' Linh Nguyen

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/285,203

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 35 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

17497 U.S. PTO
10/722087



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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 9
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☒ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EV329632470US

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(Large Entity)**

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Accompanying Application Parts (Continued)

17. ☒ Additional Enclosures *(please identify below):*

PTO-2038

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☒ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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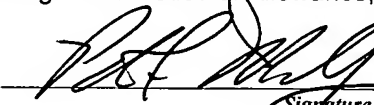
Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	26	- 20 =	6	x \$18.00	\$108.00
Indep. Claims	4	- 3 =	1	x \$86.00	\$86.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$964.00

- ☒ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Signature

Peter F. Malen, Jr.
Attorney for Applicant
Reg No.: 45,576

Dated: November 25, 2003

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Shapiro et al

Docket No.

15436.253.72.2

Serial No.

Unknown

Filing Date

November 25, 2003

Examiner

Unknown

Group Art Unit

Unknown

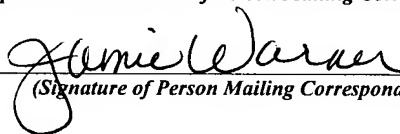
Invention: OPERATIONAL AMPLIFIER FOR OPTICAL TRANSCEIVER

I hereby certify that the following correspondence:

See documents as listed below.

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

November 25, 2003*(Date)*Jamie Warner*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV329632470US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Utility Patent Application Transmittal (4 pgs dup); Patent Application (35 pgs); 9 pages of Drawings; Assignment and Cover Page (5 pgs); Declaration, Power of Attorney and Petition (7 pgs); Certificate of Express Mailing (1 pg); Transmittal for Revocation and Substitute Power of Attorney (1 pg); Change of Attorney Docket Number (2 pgs); Revocation and Substitute Power of Attorney (9 pgs); Credit Card Form PTO-2038; Certificate of Express Mailing #EV329632470US; Postcard

Express Mailing Label No. EV 319304735 US

PATENT APPLICATION

Docket: 15436.253.72.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Philip D. Shapiro et al.	Art Unit 2828
Serial No.:	10/285,203	
Filing Date:	October 30, 2002	
Confirmation No.:	1614	
For:	SYSTEM FOR CONTROLLING BIAS CURRENT IN LASER DIODES WITH IMPROVED SWITCHING RATES	
Examiner:	Unknown	

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

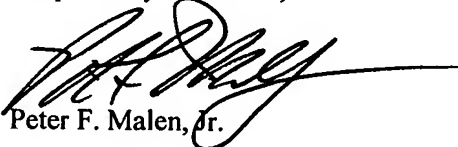
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25th day of November 2003:

- Transmittal for Revocation and Substitute Power of Attorney (1 page)
- Revocation and Substitute Power of Attorney with Exhibits A and B (8 pages)
- Change of Attorney Docket Number (2 pages)
- Postcard

Respectfully submitted,


Peter F. Malen, Jr.

EV319304735US

EXPRESS MAILING LABEL NO. EV 319304735 US

PATENT APPLICATION

Docket No.: 15436.253.72.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Philip D. Shapiro et al.	Art Unit 2828
Serial No.:	10/285,203	
Filing Date:	October 30, 2002	
Confirmation No.:	1614	
For:	SYSTEM FOR CONTROLLING BIAS CURRENT IN LASER DIODES WITH IMPROVED SWITCHING RATES	
Examiner:	Hung T. Vy	

CHANGE OF ATTORNEY DOCKET NUMBER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 15436.253.72.1. All communications should be addressed to:

ERIC L. MASCHOFF
WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
(801) 533-9800

Dated this 25th day of Nov., 2003.

Respectfully submitted,



Peter F. Malen, Jr.
Attorney for Applicant
Registration No. 45,576
Customer No. 022913

RBI:kk

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